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(12) United States Patent

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(54) RADIATION IMAGE CAPTURE DEVICE, CONTROL METHOD FOR ERASING LIGHT SOURCE, AND COMPUTER-READABLE STORAGE MEDIUM

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(57) ABSTRACT

A radiation image capture device is provided that are capable of obtaining radiation images with better image quality than hitherto in both an imaging mode in which a radiation irradiation duration is comparatively short and radiation images are successively captured, and in an imaging mode in which the radiation irradiation duration is comparatively long. An erasing light source is deactivated throughout an imaging period in a first imaging mode in which a radiation detector generates image data of a radiation image based on radiation irradiated from a radiation source over a first irradiation duration. The erasing light source is activated over an imaging period in a second imaging mode in which the radiation detector generates image data of plural radiation images based on successively irradiated radiation from the radiation source over a second irradiation duration shorter than the first irradiation duration.

19 Claims, 19 Drawing Sheets

